



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 4, 1985

Mr. E. S. Gallacher, President  
Portland Cement Company of Utah  
P. O. Box 1469  
Salt Lake City, Utah 84110

Dear Mr. Gallacher:

RE: Mining and Reclamation Plan Review, Portland Cement  
Company of Utah, Little Mountain Mine, ACT/045/005, Tooele  
County, Utah

The Division has completed its review of the Mining and Reclamation Plan (MRP) for the Little Mountain Mine. All technical issues previously identified have been addressed adequately, except for the two items noted below:

1. Rule M-3(5)(c)(2) requires exploratory boreholes be plugged at the surface with at least a five foot cement plug. The Division must receive a commitment from Portland Cement that surface plugs in accordance with this rule will be installed upon abandonment of exploration boreholes;
2. The bonding calculations in the mine plan have been reviewed and updated. A bond estimate with the detailed backup is enclosed with this letter for your review. You may opt to post the bond in the amount of \$47,526.00 (1986 dollars) and update the bond annually as shown in the enclosed bond workup, or you may post the amount of \$66,426.00 (1995 dollars) for the 10-year life of the project.

Upon receipt of a commitment to plug exploration boreholes as noted above, and the posting of the bond either in 1986 dollars with a commitment for an annual update of the bond or in 1995 dollars, the Division will proceed to the Board of Oil, Gas and Mining to present this project for formal approval.

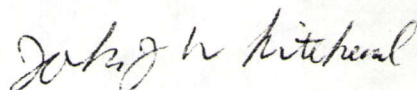
In the interim, the Division will publish an Order to Show Cause in a local paper to fulfill the 30-day notice requirement before we can proceed to the Board.



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Mr. E. S. Gallacher  
ACT/045/005  
June 4, 1985

Thank you very much for your cooperation in this matter.  
If you should have any questions, please feel free to call me.

Sincerely,

A handwritten signature in cursive script, appearing to read "John Whitehead".

John Whitehead  
Permit Supervisor/  
Reclamation Hydrologist

btb  
Enclosures  
cc: Duane Whiting  
Ev Hooper  
9294R-26 & 27

# BOND ESTIMATE

Portland Cement Company of Utah  
Little Mountain Mine  
ACT/045/005, Tooele County, Utah

June 4, 1985

Clean-up/Removal of Structures	\$12,978.00
Backfill, Grading, Contouring	8,705.00
Topsoil Redistribution	1,140.00
Revegetation	5,034.00
Fencing & Signs (Safety)	16,256.00
Reseeding	<u>1,678.00</u>

\$45,791.00 (1985 dollars)

Should post - \$66,426.00 (1995 dollars)

## COSTS: REFERENCE

### Rental Rate Bluebook

1.	Dozer D-7 =	\$132.50/hr
		\$ 20.25/hr (operator cost)
		\$ 29.25/hr (labor)
		<u>\$182.00/hr</u>
2.	Loader =	\$ 96.00/hr
	(3 cy) Cat 950B =	\$ 17.20/hr (operator cost)
	=	\$ 29.25/hr
		<u>\$142.45/hr</u>
3.	Grader =	\$132.50/hr
	14G =	\$ 18.95/hr (operator cost)
	=	\$ 29.25/hr
		<u>\$180.70/hr</u>
4.	Backhoe =	\$46.50/hr
	JD 510B =	\$ 7.10/hr (operator cost)
	=	29.25/hr
		<u>\$82.85/hr</u>

Included fencing costs, although not stated on MR-1 Form.  
Costs using CH<sub>2</sub>M Hill Production Rates.

Escalated @ 3.79% (Means Historical Cost Index)

1986 - \$47,526	1991 - \$57,242
1987 - \$49,327	1992 - \$59,412
1988 - \$51,197	1993 - \$61,663
1989 - \$53,138	1994 - \$64,000
1990 - \$55,152	1995 - \$66,426